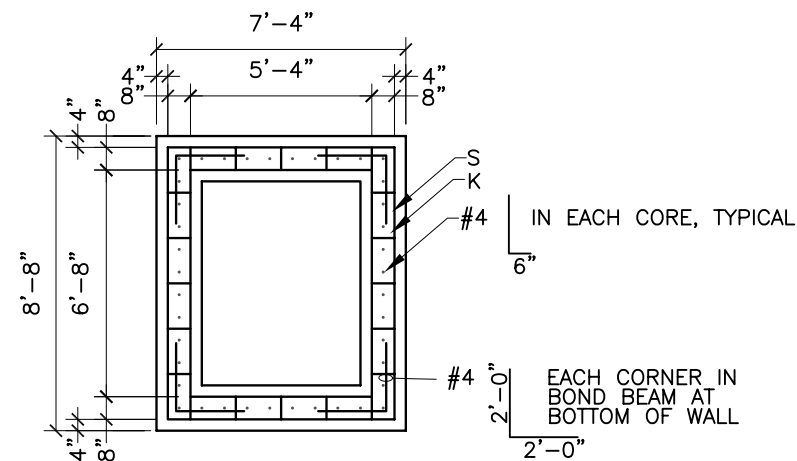
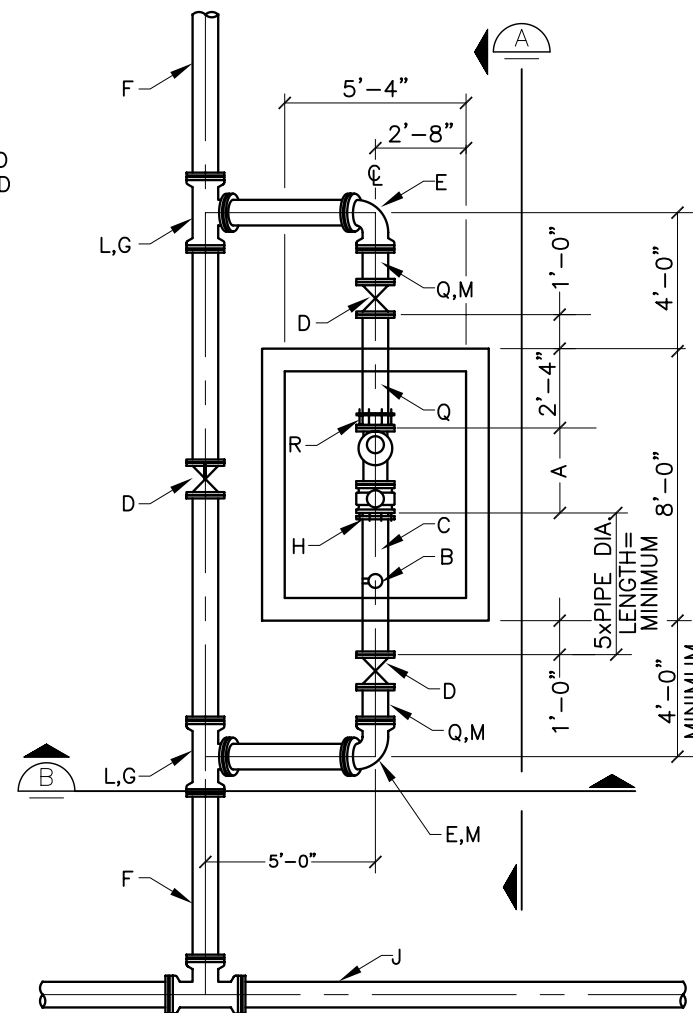


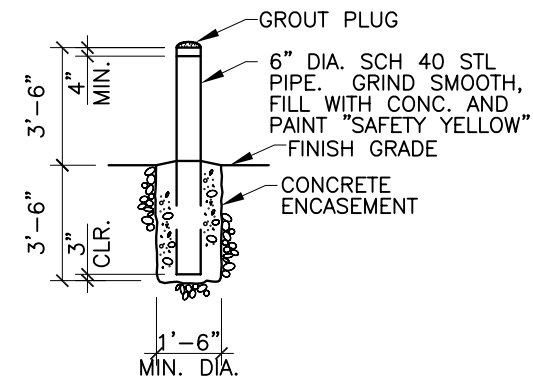
TOP PLAN



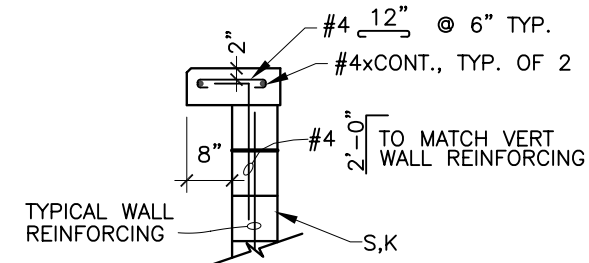
WALL & FOUNDATION PLAN



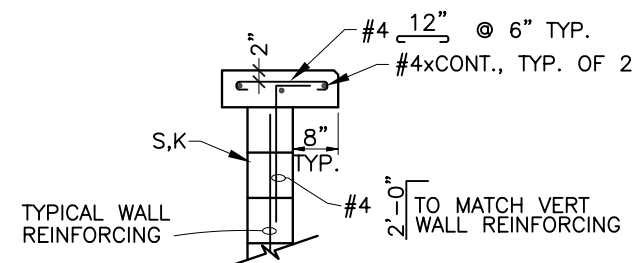
MECHANICAL PLAN



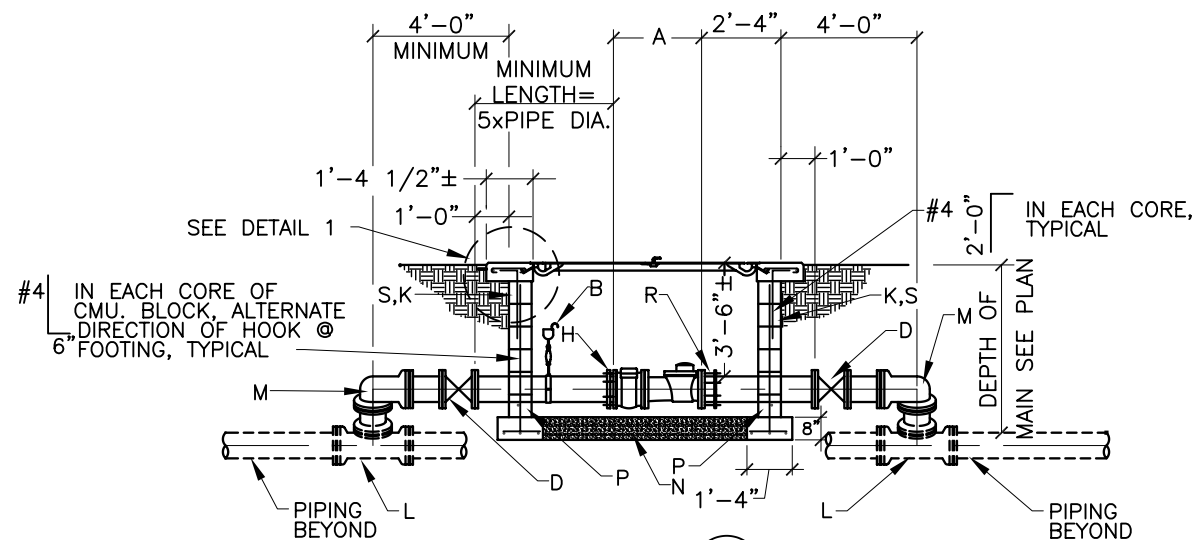
GUARD POST
N T S



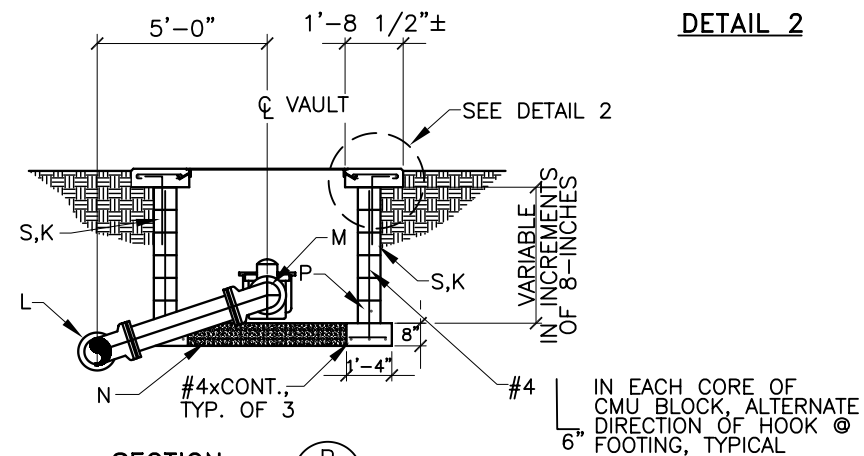
DETAIL 1



DETAIL 2



SECTION A



SECTION B

GENERAL NOTES:

- 1 COMPRESSIVE STRENGTH OF ALL CONCRETE SHALL BE 3500 PSI PER EXTERIOR CONC. SPEC SEC. 101.
- 2 COMPACT SUBGRADE UNDER AND 12" EITHER SIDE OF FOOTING TO 95% MAXIMUM DENSITY, PER ASTM D-1557 TO 6" MIN. DEPTH.
- 3 PRECAST CONCRETE VAULT MAY BE USED IN LIEU OF CMU. CONSTRUCTION WITH WATER UTILITY DIVISION APPROVAL. SUBMIT DETAILS FOR REVIEW.

CONSTRUCTION NOTES:

- A LENGTH VARIES DEPENDING ON METER SIZE. COORDINATE WITH LAYING LENGTH REQUIRED. METER AND STRAINER TO BE PROVIDED AND INSTALLED BY CITY OF ALBUQUERQUE- WATER UTILITY DIVISION.
- B 1" SADDLE TAP, 1" GATE VALVE AND 1" AIR RELEASE VALVE. AIR RELEASE VALVE SHALL BE APCO MODEL NO. 200A OR APPROVED EQUAL.
- C D.I. SPOOL (FLANGExPE) LENGTH AS REQ'D. MINIMUM LENGTH SHALL BE 5 TIMES THE PIPE DIAMETER.
- D GATE VALVE (FLANGED).
- E 90° ELBOW (MJ) WITH MEGALUGS.
- F MAIN SERVICE LINE.
- G MJ TEE WITH MEGALUGS.
- H MEGA FLANGE-FLANGE ADAPTER, SERIES 2100 AS MANUFACTURED BY EBAA IRON SALES, OR APPROVED EQUAL.
- J MAIN DISTRIBUTION LINE.
- K FILL ALL CMU CORES WITH 3000 PSI. CONCRETE, TYP.
- L ROLL TEE UP AS REQUIRED.
- M ROLL 90° ELBOW DOWN AS REQUIRED.
- N 3/4" GRAVEL FILL PER ASTM C33, NO. 57 GRAVEL, 8" DEPTH.
- P CONTINUOUS BOND BEAM AT BOTTOM OF WALL WITH #4xCONT. SEE FOUNDATION PLAN FOR ADDITIONAL REINFORCING AT CORNERS.
- Q D.I. PIPE (FLANGExPE) LENGTH AS REQUIRED.
- R FLANGE COUPLING ADAPTER, (FCA).
- S 8"x16"x8" HOLLOW CORE CONCRETE BLOCK (CMU).
- T 6" CONCRETE FILLED GUARD POST, TYPICAL OF 4. SEC. 101 EXTERIOR CONCRETE, f'c=3500 psi @ 28 DAYS.

REVISIONS	CITY OF ALBUQUERQUE
	WATER
	LARGE DIAMETER METER VAULT
	DWG. 2370 JANUARY 2003